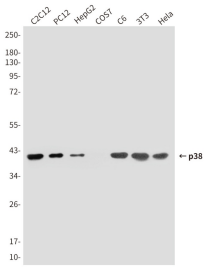
p38 (5A1) Mouse mAb

db6168 **Package : 50μL 100μL**

Product Name : p38 (5A1) Mouse mAb
Cat.No.: db6168
Synonyms : RK; p38; CSBP; EXIP; Mxi2; CSBP1; CSBP2; CSPB1; PRKM14; PRKM15; SAPK2A; p38ALPHA; MAPK14
Application : WB
Reactivity : Human, Mouse, Rat, Monkey
Host species : Mouse

Background	Responds to activation by environmental stress, pro-inflammatory cytokines and lipopolysaccharide (LPS) by phosphorylating a number of transcription factors, such as ELK1 and ATF2 and several downstream kinases, such as MAPKAPK2 and MAPKAPK5. Plays a critical role in the production of some cytokines, for example IL-6. May play a role in stabilization of EPO mRNA during hypoxic stress. Isoform Mxi2 activation is stimulated by mitogens and oxidative stress and only poorly phosphorylates ELK1 and ATF2. Isoform Exip may play a role in the early onset of apoptosis.
Immunogen	Purified recombinant human P38 MAPK Pprotein fragments expressed in E.coli
Gene ID	1432
Swiss Prot	Q16539
Synonyms	RK; p38; CSBP; EXIP; Mxi2; CSBP1; CSBP2; CSPB1; PRKM14; PRKM15; SAPK2A; p38ALPHA; MAPK14
Reactivity	Human, Mouse, Rat, Monkey
Application	WB
Recommended dilution	WB: 1:500-1:1000
Calculated MW	41 kDa
Observed MW	41 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	5A1-C5-F11
Isotype	IgG1

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Western blot analysis of p38 (5A1) in C2C12, PC-12, HepG2, COS7, C6, 3T3 and Hela lysates using p38 MAPK antibody.